



Mailing Certificate for Amendment/Response dated June 29, 2004, in response to Office Action mailed December 29, 2003 for Application No. 09/623, 068. Title:  
Two-Dimensional Linkage Study Techniques, Inventors MCGINNIS and  
MCGINNIS

The items listed below are being deposited by me, Robert O. McGinnis, today, June 29, 2004, with First Class US mail. The items are in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Va. 22313-1450. (I discussed this with Gena Jones at the USPTO today at (703)305-1616 and she informed me that the amendment/response would be considered filed today using this procedure.)

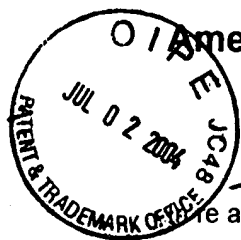
The enclosed items are:

- 1) Amendment/Response (signed): 39 pages
- 2) USPTO Credit Card form PTO-2038 (signed), payment of \$583: 1 page
- 3) Copy of paper: Gyapay, et. al., Nature Genetics, vol. 7 (June 1994), pp.246-249.
- 4) Copy of paper: Schuster, et al., Nature Genetics, vol 13 (May 1996), pp.98-100.
- 5) This mailing certificate (signed): 1 page.
- 6) Two return receipt postcards.

*R. McGinnis June 29, 2004*

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JCFW



# Amendment/Response

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:

Ralph Evan McGinnis and Robert Owen McGinnis

Application No.: 09/623, 068

Filed: 08/26/2000

Title of the Invention: TWO-DIMENSIONAL LINKAGE STUDY TECHNIQUES

Art Unit 1637

Examiner: Horlick, K.

Honorable Commissioner for Patents

P.O. Box 1450

Alexandria, Va. 22313-1450

## AMENDMENT

Sir:

This amendment/response is in response to an Office Action mailed 12/29/2003, with shortened statutory period set to expire on 3/29/2004. Three months from 3/29/2004 is June 29, 2004; third month extension under rule 1.136(a) is respectfully requested. Small entity third month extension fee under 1.136(a) and new claim fee for 12 new claims is enclosed.

In response to the Office Action, please amend the application as follows:

**Amendments to the Claims** are reflected in the claim listing which begins on page 2 of this paper.

**Amendments to the Specification** begins on page 22 of this paper.

**Amendments to the Abstract** begins on page 32 of this paper.

**Remarks/Arguments** begins on page 34 of this paper.

**Conclusion** begins on page 39 of this paper.

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01 FC:2253  
02 FC:2202

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